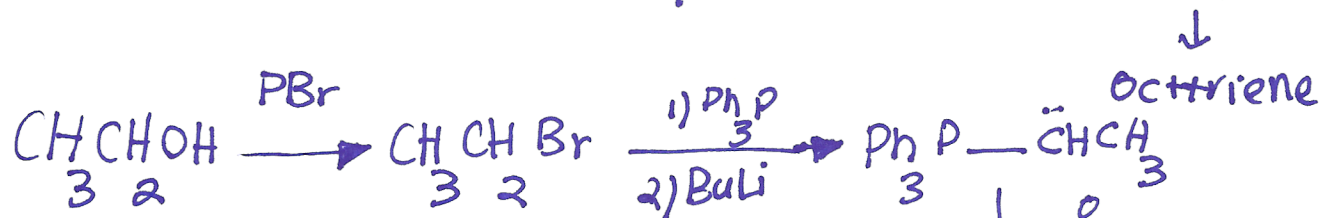


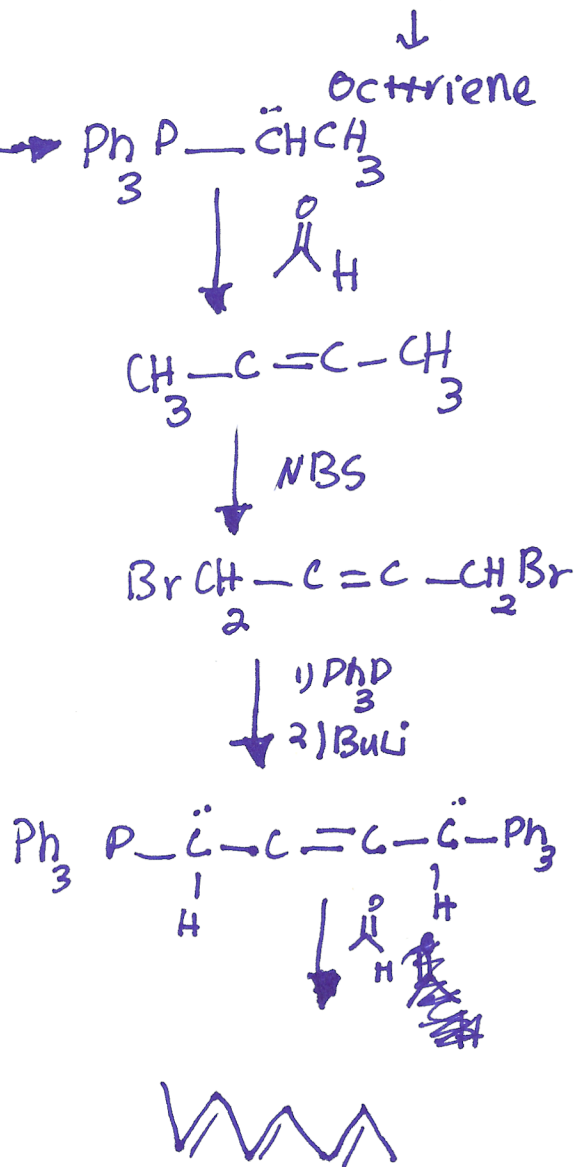
Octatriene Synthesis

Pardideh Rezabakhshpour
(extra credit)

- ① PBr which is a first reagent placed the H of a OH to Br.
- ② alcohol transforms to an aldehyde in the occurrence of PCC.
- ③ To make an alkene double bond the aldehyde combined and the double bond occupied the allylic.
- ④ NBS gives Br atom in each of allylic position.
- ⑤ 4 more C added from the aldehyde to form the last compound.



For this reaction I used wikipedia
and our powerpoint slide from ch. 22
and some of my knowledge.



Octa-2,4,6-triene